

SENIS - Customer Reference:

ABB Research Center - Switzerland

**ABB
Research Center,
Switzerland**

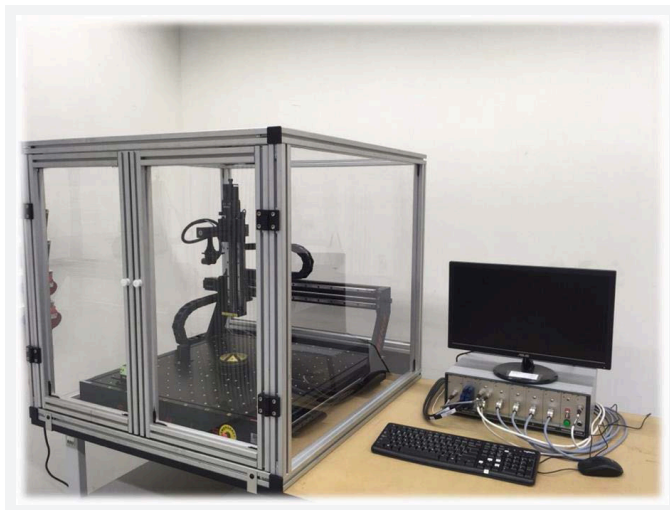
“Thanks to the extremely high precisions and user-friendly instrument, we discovered a new magnetic phenomenon, self-magnetization in 3D printed magnets, not known before”

Dr. Jaćim Jaćimović,
Principal Scientist,
ABB Research Center Switzerland

ABB Research Center, Switzerland, www.abb.com

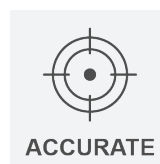
ABB research team applied Senis’s mapper to study novel magnetic properties of permanent magnets for wind turbine generators and electrical motors.

The high precision and accuracy of Senis’s mapper enabled the team to discover new effect in the 3D printed permanent magnet.



“Customers like our product for two reasons; the first one is that SENIS Mappers can measure all three components of magnetic field with unprecedented accuracy and repeatability very close to the magnet surface and in small gaps. The second reason is that our mapper software is very user-friendly and offers different types of analysis, with different types of data visualisation.”

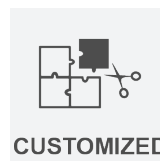
- SENIS AG



ACCURATE



INVENTIVE



CUSTOMIZED

About SENIS AG

SENIS AG, Switzerland develops, manufactures and supplies advanced sensors and instruments for magnetic field and electric current measurement as well as the corresponding development and engineering services. Our solutions and services help our clients in the automotive, consumer electronics, test and measurement industries, as well as to research institutes to create powerful, robust and effective products.

SENIS® Magnetic Field Mapper MMS-1X-RS installed at ABB Switzerland is a high-end magnetic field scanner that can be applied for mapping of all three components of DC or AC magnetic field. It can be used at customers in the R&D and as a quality assessment tool in production lines for accurate 3D mapping of permanent magnets.